The Extensible Markup Language (XML) defines a way of marking up text to describe the structure of data. XML allows you to create your own markup language: you define the tags that give meaning to your data. XSLT is a way of transforming XML documents into other types of documents. XML Path Language (XPath) is used to identify parts of an XML document.

In this two-day course you will use the features of XSLT and XPath to develop stylesheets that convert XML documents to other XML, HTML, or text. The course begins with an introduction to commonly used tags such as template, apply-templates, and value-of. From there, you will learn how to use XPath nodetypes, axes, and predicates. Flow control and functions are covered next. Finally, you will learn some advanced XSLT features such as variables and parameters.

Course Objectives:

- Write XSLT stylesheets that produce HTML, XML, and text.
- Identify XML elements using XPath.
- Use XPath functions and predicates.
- Call specifically named templates.
- Sort data and use modes
- Use XPath string functions to manipulate string values.
- Create and format numbers in the result document.
- Use variables and parameters within a stylesheet.
- Import templates from other XSLT stylesheets.
- Define precedence of XSLT templates.

Audience: Developers who wish to transform XML documents into other XML documents, HTML or text using XSLT.

Prerequisites: Experience using XML.

Number of Days: 2 days

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